APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/506,432	09/02/2004	Koon Seok Lee	7950.029.00-US	1283

30827 7590 04/19/2007			EXAMINER	
MCKENNA LONG & ALDRIDGE LLP			TRUONG, LECHI	
1900 K STREET, NW				
WASHINGTON, DC 20006			ART UNIT	PAPER NUMBER
			2194	

SHORTENED STATUTORY PERIOD OF RESPONSE	MAIL DATE	DELIVERY MODE
3 MONTHS	04/19/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

PTOL-90A (Rev. 10/06)

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE _3_ MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on _02 September 2004_.

2a)☐ This action is **FINAL**.   2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) _1-5_ is/are pending in the application.

    4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) _1-5_ is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a)☒ All   b)☐ Some * c)☐ None of:

      1.☐ Certified copies of the priority documents have been received.

      2.☐ Certified copies of the priority documents have been received in Application No. _____.

      3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

    * See the attached detailed Office action for a list of the certified copies not received.

WILLIAM THOMSON
SUPERVISORY PATENT EXAMINER

Attachment(s)

1)☒ Notice of References Cited (PTO-892)

2)☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3)☒ Information Disclosure Statement(s) (PTO/SB/08)
    Paper No(s)/Mail Date _9/2/2004_.

4)☐ Interview Summary (PTO-413)
    Paper No(s)/Mail Date. _____.

5)☐ Notice of Informal Patent Application

6)☐ Other: _____.

DETAILED ACTION

1.   Claims 1-5 are presented for examination.

Specification

2.   The specification is objected to because the claim 5 mentions transmitted in a file format

to the data array area that was not mentioned in the specification. The specification should be so

revised.

Claim Objection

3.   Claim 5 is objected to because of the following informalities: There is a minor error

on the word " the data array area". Appropriate correction is required to change from " the

data array area" to " a data array area".

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all

obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

4.   Claims 1 are rejected under 35 U.S.C. 103(a) as being unpatentable over Bione (US

2003/0056225 A1) in view of Tsao (US. Patent 7,076491 B2).

As to claim 1, Bione teaches the invention substantially as claimed including: controlling

a home network system (controlling multimedia devices, abstract, ln 1-2/ other electronically

controllable home systems, para [0028], ln 8-11/ control at least one multi-media device, left col

6, ln 23-25),

inputting control data of a user (the information input by the user, para [0049], ln 10-13/

the user select the desired television channel with user interface 242, para [0051], ln 2-4/

entering information with the user, para [0054], ln 1-3);

the message (an instruction message, para [0049]/ ln 11-13/ para [0056], ln 3-6/ a digital

transmission message, para [0049], ln 11-16/ channel selected message, para [0051], ln 3-7),

generating a message by the input control data (para [0049], ln 11-13/ln 11-16/ para [0051], para

[0054], ln 2-6/ln 3-7/ para [0056], ln 3-6);

application (the module, para [0051], ln 3-7/ para [0045], ln 5-7 / para [0024], ln 6-9/

para [0058], ln 12-15/mult imedia module, para [0060], ln 6-12), transmitting the generated

message to a corresponding appliance (para [0060], ln 6-12/ para [0051], ln 3-7);

control function (volume/tone adjust, on/off, VCR programming, etc, para [0061], ln 5-

8), performing a corresponding control function (para [0061], ln 5-8), performing a

corresponding control function by analyzing the transmitted file (para [0058], ln 6-10/ para

[0060], ln 5-11/para [0056], ln 4-9).

Bione do not explicitly teaches the message as file. However, Tsao teaches a file

(generating and editing data files, each data files including an array of main data objects that

each have unique address ... means for generating includes means for receiving in working

memory user input defining the address of a main data object of a particular data file, col 6, ln
42-48).

It would have been obvious to one of the ordinary skill in the art at the time the invention
was made to modify the teaching of Bione to incorporate with the feature of a file because this
allowing the unified user interface to preserve data integrity across plural application types and a
variety of operating system with the high productivity and compatible.

As to claim 2, Tsao teaches generating the file by the input control data means generating
a data array-type of file according to the input control data (generating and editing data files,
each data files including an array of main data objects that each have unique address ... means
for generating includes means for receiving in working memory user input defining the address
of a main data object of a particular data file, col 6, ln 42-48).

As to claim 3, Bione teaches transmitting the generated file to a corresponding appliance
means transmitting the file to a corresponding appliance by utilizing an equal factor for every
command (para [0058], ln 13-15/ para [0056], ln 4-7/para [0023], ln 6-10).

As to claim 4, Bione teaches the equal factor comprises current packet number, total
number of packets, option, number of data, and data array format (para [0056], ln 3-7/ para
[0061], ln 5-9).

As to claim 5, Tsao teaches transmitted in a file format to the data array area (col 9, ln 9-
12/ col 10, ln 27-30).

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to LeChi Truong whose telephone number is (571) 272 3767. The examiner can normally be reached on 8 - 5.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Thomson, William can be reached on (571) 272 3718. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR of Public PAIP. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIP system, contact the Electronic Business Center (EBC) at 866-217-9197(toll-free).

LeChi Truong

April 2, 2007

WILLIAM THOMSON
SUPERVISORY PATENT EXAMINER